

13-2

Name _____

Date _____

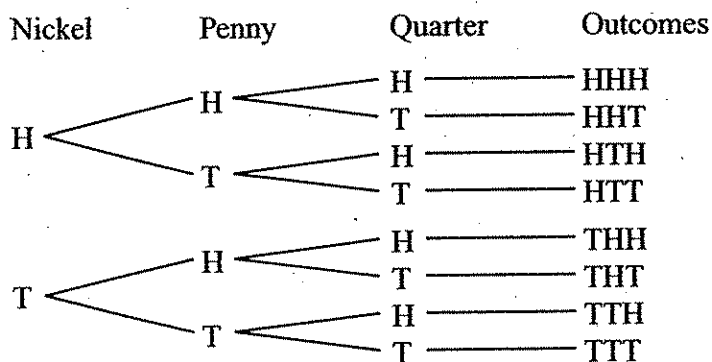
Study Guide

KEY

Tree Diagrams

You can draw a tree diagram to find the number of possible combinations or outcomes.

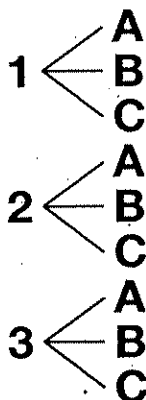
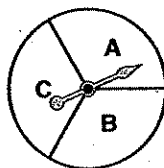
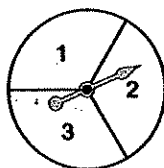
Example If you flip three coins, a nickel, a penny, and a quarter, how many different outcomes are possible?



There are 8 possible outcomes.

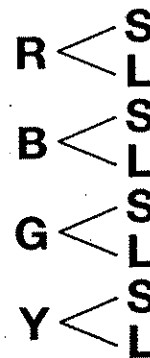
Make a tree diagram and list the outcomes. Then give the total number of outcomes.

1. Spin each spinner.



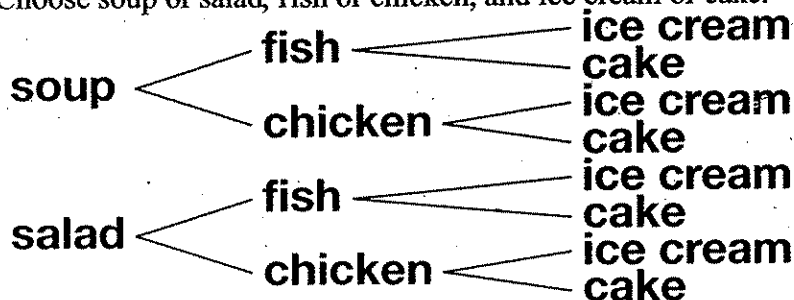
9 outcomes

2. Choose from red, blue, green, or yellow and large or small.



8 outcomes

3. Choose soup or salad, fish or chicken, and ice cream or cake.



8 outcomes